



## 用途 Applications

GTF型一体化溶解加药装置是一种将粉状药剂配制成一定浓度的药液,并将其准确投加至加药点的先进的加药系统,主要用于给水系统、循环水系统、污泥脱水系统中高分子聚合物溶液的制备与投加。

It is an advanced liquid-feeding system to make a chemical powder into liquid with a certain concentration, then accurately pure it to the chemical feeding point. It is mainly used for the preparation and feeding of high polymer liquor in water-supply and-drain system, backwater system and sludge-dewatering system.

## 工作原理及构造 Working Principle and Strucure

料斗中的粉状药剂经定量供料装置送入混合器中,与水进行完全混合后进入溶液箱中,混合液经多次搅拌后混匀成规定投加浓度的溶液,最后进入贮液室内,经计量泵投加至加药点。

主要组成部分:料斗、振动系统、干粉定量投料器、进水系统、搅拌机、支架、溶液箱、扶梯及计量泵等组成。

The powder in hopper is sent to the mixer passing the calibrated feeder and mixed fully with water, next goes into the solution box. The mixed liquid forms into a liquid with a mean concentration through stirring for many times, then enters the solution storage chamber, finally will be poured to the medicine-feeding point by the measuring pump.

Main components: hopper, vibrating system, calibrated feeder for dry powder, intake system, stirrer, brackets, solution box, staircase, measuring pump and the like.

## 特点 Features

1. 集自动配料、溶解、投加于一体,全自动运行,连续制备与投加。
  2. 定量投药装置计量准确,采用无级变速器驱动,可方便调整供料量,配制药剂浓度范围大。
  3. 具有液位控制、物料检测、振动辅助下料等功能,自动化程度很高。
1. Integrating automatic dosage, dissolve and feed into one body and operating fully automatically. Preparation and dosage are continuous.
  2. Accurate calibrated feeder, driven by stepless speed changer and it can easily adjust the quantity of feedings and make up the concentration of liquor in a large scale.
  3. It has the functions of controlling liquid level, checking medicals, feeding aided by vibration, etc. and high automation as well.

## 技术性能参数表 Technical Parameters Shape

项目		型号	GTF1000	GTF1500	GTF2000	GTF2500	GTF3000
制备能力 (L/h)	熟化时间一小时		1000	1500	2000	2500	3000
整机功率 (kW)			2.2 (3.4*)	2.8 (4.0*)	3 (4.2*)	3.3 (4.5*)	3.7 (4.9*)
PAM干粉投加量 (kg/h)			2~10		3~15		3.5~20
进水量 (×1000L/h)			0.5~1.5	1~2	1.5~2.5	3~3	2.5~3.5
外形	L		2000	2500	2500	3000	3000
	B		900	1000	1200	1200	1500
尺寸	H <sub>1</sub>		850	850	1000	1000	1000
	H		2700			3000	
(mm)	B <sub>1</sub>		250	300	400	400	500
	D		25	25	25	25	25
	D <sub>1</sub>		20	20	25	25	32

注:投加的药剂为有机高分子聚合物,配制浓度2-5‰,熟化时间一般为1-2h,整机功率不包括计量泵功率。  
\*为配带真空上料功能(GTFz型)的功率。

## 型号示例 Type and Its Indication

